



**Office of the Interim  
Chief Executive Officer**  
735 Randolph Street, Suite 1900  
Detroit, Michigan 48226

April 27, 2022

The Honorable  
Board of Directors  
Great Lakes Water Authority

**RE: Interim CEO's Report – April, 2022**

Dear Chairperson Quadrozzi and Directors:

I would like to start my report with some very good news that you've likely noticed communicated this past month, which is due to the continued high level of performance of our Water Resource Recovery Facility (WRRF), the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has terminated the Administrative Consent Order (ACO) it imposed more than a decade ago due to frequent non-compliance of the utility's National Pollutant Discharge Elimination System (NPDES) Permit. NPDES permit compliance has greatly improved since that time with enhancement of the utility's solids processing and disposal abilities. There have been no solids processing or disposal violations since 2014.

This marks the first time in 45 years that GLWA and its predecessor organization, the Detroit Water and Sewerage Department (DWSD), have been without either a Federal Consent decree or State Administrative Consent Order requiring extraordinary oversight of our wastewater treatment facilities.

We should all be extremely proud of the progress we have made as stewards of the system and what we have accomplished. I believe the ACO termination is a tangible validation of the exceptional work done by GLWA/DWSD team members over the last decade to greatly improve NPDES permit compliance and water quality and illustrates the State's confidence in GLWA. I want to thank everyone who has played a role in this significant milestone for GLWA, DWSD, and the city of Detroit.

As southeast Michigan heads into the wet weather season, I felt it was important to inform our member partners and the general public about the improvement that we have made to the regional system to help us be as prepared as possible. To that end, on the afternoon of April 5, GLWA held a news conference at the Freud Pump Station to fully detail the actions we have taken, including the installation of three new transformers at Freud and the successful conversion of the external power supply feeding the transformers to DTE Energy power via three independent power feeds. We had excellent media turnout and a broad range of stories published across both print and broadcast channels. You can read the news release [HERE](#); and find a full report out, including links to the media coverage, in the Public Affairs section of this report on Page 19.

I wanted to let you know about a change in the Executive Leadership Team. Earlier this month, Terri Tabor Conerway, our Chief Organizational Development Officer, announced her retirement. We can't thank Terri enough for her years of service and the integral role she played in standing up this utility. Everyone who has worked along-side Terri respects her dedication to GLWA's mission and her love for this organization and its people. Her ability to really listen and provide counsel, to me and many people throughout GLWA, will be missed. We wish her nothing but the best!

I also wanted to provide a brief update on our efforts to resolve the bad debt expense recovery matter with Highland Park. As of my writing, more than two dozen GLWA member partners have sent letters to the Governor's Office requesting the state's participation in resolving the situation. We remain hopeful that the state will engage in a meaningful way to assist in resolving this very important matter.

Finally, in February's report, I told you about the Michigan Chapter of American Public Works Association (APWA) awarding our Roof Rehabilitation project at Water Works Park, its Project of the Year in the category of Historical Restoration/Preservation (\$1-\$5 Million). Well, we were just informed that this important project was selected as the winner in the same category at the ***national level!*** I understand that it was very competitive, but our team's hard work shone through and rose to the top. Congratulations to everyone who contributed to the project and the nomination.

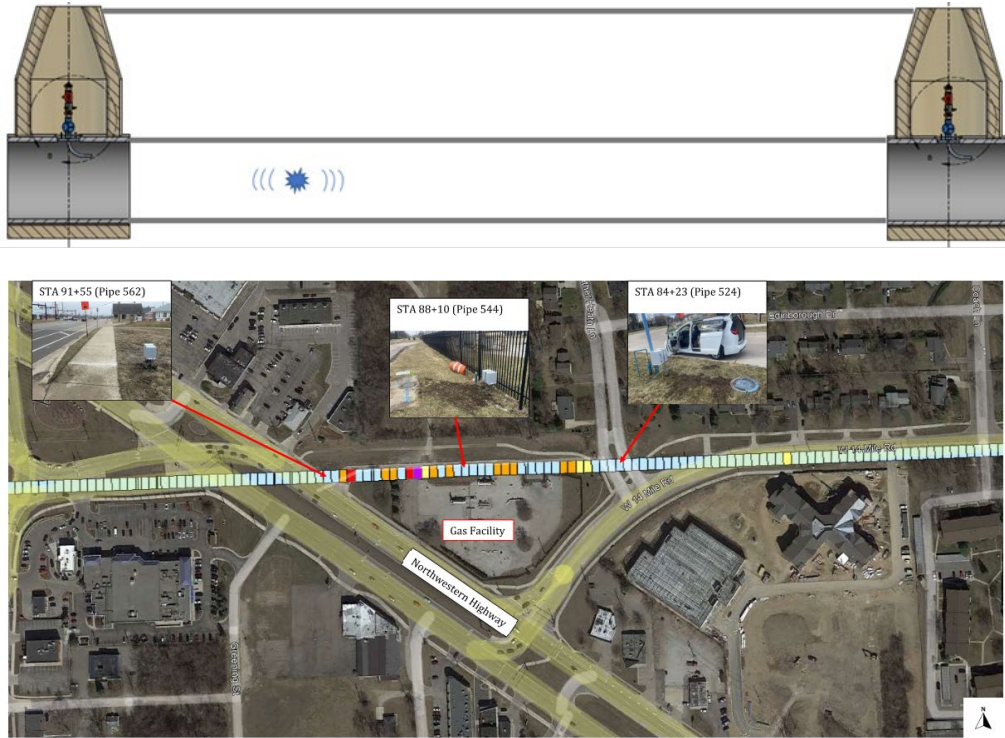
## **PLANNING SERVICES**

### ***Asset Management Group (AMG)***

GLWA is planning the installation of an Acoustic Fiber Optic (AFO) cable within the 14 Mile Road transmission main to provide continuous monitoring of the condition of the Prestressed Concrete Cylinder Pipe (PCCP). This work requires various site improvements and modifications along the section of main in order to install and monitor the device. This civil work will be completed shortly, with the actual installation of AFO in early summer.

Because of the criticality of this main, GLWA has implemented a temporary monitoring pilot project for an area of concern on the 14 Mile Road transmission main. This pilot uses three sensors installed near 14 Mile Road and Northwestern Highway. These sensors use two hydrophones and one surface mounted device, which will detect wire breaks acoustically across the length being monitored. Acoustic monitoring of PCCP transmission mains involves electronically listening to activity in a pipeline to identify the acoustic event associated with a breaking prestressing wire. This monitoring system provides important information on the rate of deterioration of PCCP segments and can be used to proactively identify when a section of PCCP approaches failure. While this may be a good, non-intrusive method to monitor the pipe activity, the exact locations of wire breaks may not be available as will be possible with the future AFO system. GLWA staff is receiving this data daily, and is also working with the University of Michigan to analyze this data. Currently being developed are tolerance thresholds for number and rate of wire breaks to help better understand when the main may need to be proactively taken out of service for repair.

## PLANNING SERVICES (continued)

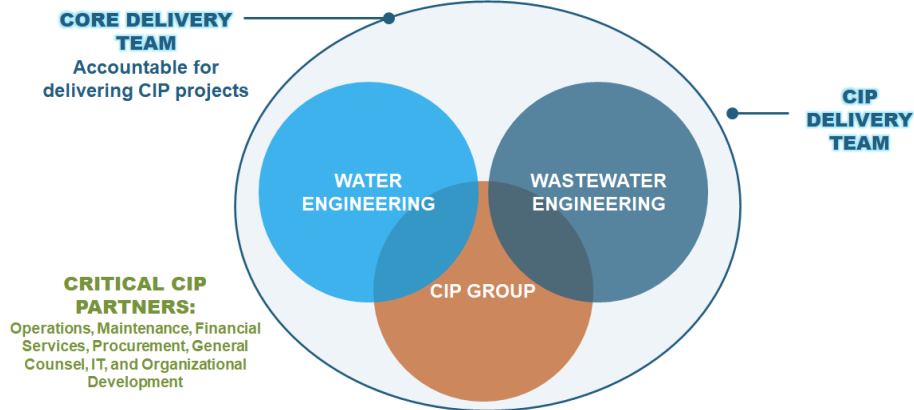


### ***Capital Improvement Planning Group (CIP)***

The CIP Team has been actively engaged in evaluations related to streamlining CIP delivery. The team has initiated the implementation of monthly project updates, as well as data alignment with project delivery teams in relation to project control parameters. The goal is to activate real-time cross-functional team communications on projects in support of improved CIP project delivery. Last month, the CIP Team conducted meetings with project managers leading water and wastewater project delivery to update project schedules, budgets, statuses, and to identify potential new CIP Projects. The data was compiled and will be analyzed to support streamlining the FY 24-28 CIP development.

Furthermore, the CIP Team continued to progress dialogues and planning coordination efforts related to new CIP delivery Roles and Program Management Plan implementation plans. The goal is to build a single unified CIP delivery team that reports through three business units and is supported by CIP delivery partners

## PLANNING SERVICES (continued)



Lastly, the CIP Team participated in the Project Management Information System (PMIS) final evaluation phase which concluded with issuing a notice of intent to negotiate with Kahue. Contract negotiations will take place next.

### *Systems Planning Group*

#### *Water Analytical Work Group (AWG)*

Members met on March 1<sup>st</sup> to review a revised approach to establish minimum contract values for max day and peak hour demands, using six years of data to establish the minimum demand values and retaining the 10% operational buffer over the highest demonstrated demand.

The revised approach will be used in the 2022 Water Model Contract reopener process, which began in mid-March and will continue through October 2022. GLWA project managers, Nick Hoffman and Vittoria Hogue, presented an overview of the 14 Mile Road Transmission Main Loop project, which will provide redundancy for Member Partner communities serviced by the single feed 14 Mile transmission main. Andrea Busch, Ph.D., of GLWA's Energy, Research & Innovation Group shared an overview of GLWA's Detroit River monitoring buoy, which collects water quality information to provide advanced warnings of contamination that could impact GLWA's Belle Isle raw water intake.

#### *One Water Partnership*

More than 100 members participated in the March 3<sup>rd</sup> One Water Partnership meeting, which began with an update on the One Water Institute, GLWA's framework for training and development opportunities. Member spotlights included a presentation from Palencia Mobley on DWSD's new Basement Backup Protection Program, developed in response to significant rain events in 2021, which caused basement backups in Detroit neighborhoods. Jacob Rushlow from Livonia and Susan Knepper from OHM Advisors gave an overview of Livonia's newly developed enhanced emergency response plan which combines hydraulic analysis and step-by-step instructions for responding to various emergencies in a GIS dashboard. Tom Murray, newly-elected One Water Co-Chair, closed the meeting with an appreciation for his fellow Member Partners who collaborate to share ideas and information for the advancement of the region.

## **PLANNING SERVICES** (continued)

### *Regional Collaboration Group (RCG)*

On March 4<sup>th</sup>, the Regional Collaboration Group met to hear an update on GLWA's Long Term Control Plan (LTCP), which has made important progress in recent months in terms of the water quality and hydraulic models, identifying projects that GLWA and members are planning, completing a preliminary financial capability assessment, conducting an initial optimization analysis, and developing design conditions and CSO targets. The LTCP is scheduled for submission to EGLE by May 15, 2023.

### *Watershed Hub Work Group*

On March 16, the Watershed Hub Work Group met to debrief with key Macomb, Oakland, and Wayne County stakeholders regarding the proposed investigational sampling program and to discuss sampling locations. They also heard from Raul Gonzales from the Hampton Roads Sanitation District (HRSD) in Virginia which has a very successful program, similar to the investigational grab sampling program that the Watershed Hub is developing.

### *Water Management Best Practices*

The Water Management Best Practices Work Group met on March 16<sup>th</sup>. Members discussed challenges and shared observations specific to training licensed water operators, reviewed the next steps in developing an Emergency Preparedness Workshop planned for Fall 2022, and participated in a roundtable discussion of current challenges, resources, and practices.

### *Wastewater Analytics Task Force*

On March 17 the Wastewater Analytics Task Force met to hear updates on the Gordie Howe International Bridge, the I-94 modernization project, and the LTCP. Biren Saparia, GLWA Systems Control Center Manager, also presented GLWA's calendar year 2021 Annual CSO Discharge Report.

### *Wastewater Best Practices Work Group*

On March 23, the Wastewater Best Practices Work Group met to share information about member and GLWA systems' responses to recent rain events; learn about GLWA's power monitoring work; and hear how their input is being used to inform the University of Michigan's dynamic system control work for the LTCP, including the development of an online tool that brings together data from a number of disparate weather forecast sources.

## **PLANNING SERVICES** (continued)

### *Charges Work Group*

On March 31, the Charges Work Group met to build a shared understanding of how system costs impact charges as members embark on a review of the water charge methodology and continuing discussions regarding wastewater project cost allocation. GLWA also provided an update on matters related to the Highland Park bad debt recovery.

### ***System Analytics & Meter Operations (SAMO) Group***

In January 2022, at the Wastewater Analytics Task Force (WATF) meeting, the group presented a draft of FY2021's sewer flow balance. The flow balance identifies various elements of wastewater flows including member partner-specific contributions that are used to update sewer SHARES. At one year into the process, this evaluation provides member partners a glimpse of data trends and allows them to consider actions if unexpected flows or anomalies are noted. Several potential outliers or anomalies were identified by reviewing the percent change in flow for FY2021 compared to FY2020. The team met with Grosse Pointe Farms and Oakland-Macomb Interceptor Drain Drainage District to conduct the in-depth analysis. In March 2022, at the WATF meeting, the group presented a revised FY2021 sewer flow balance. The revised results were accepted at the meeting. On April 13, 2022, the final FY2021 sewer flow balance report was released.

The key takeaways from the FY2021 sewer flow balance report are:

- Precipitation was slightly higher than FY2020
- Annual flow at WRRF was lower than the long-term average
- Dry weather flows are trending downwards (a similar trend is observed in the annual water balance report). Please see Figure 1 below:

Detroit River levels dissipated. Peak levels in 2021 are approximately 10 inches lower than in 2019 and 2020. Please see Figure 2 below:

**PLANNING SERVICES** (continued)

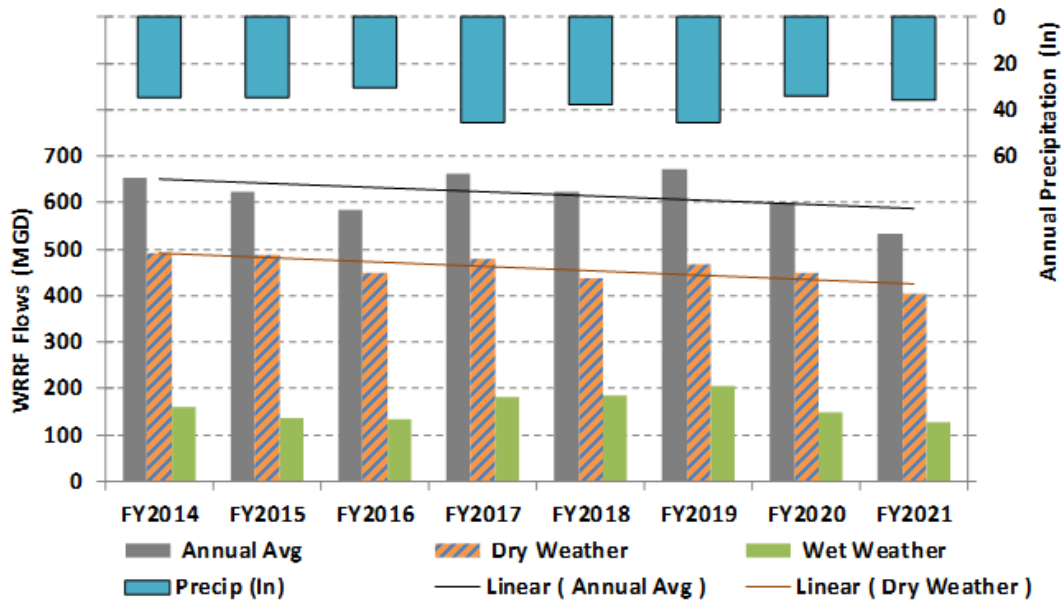


Figure 1: Flows at WRRF and Precipitation for the Past 8 Years

**Detroit River Levels for Selected Years**

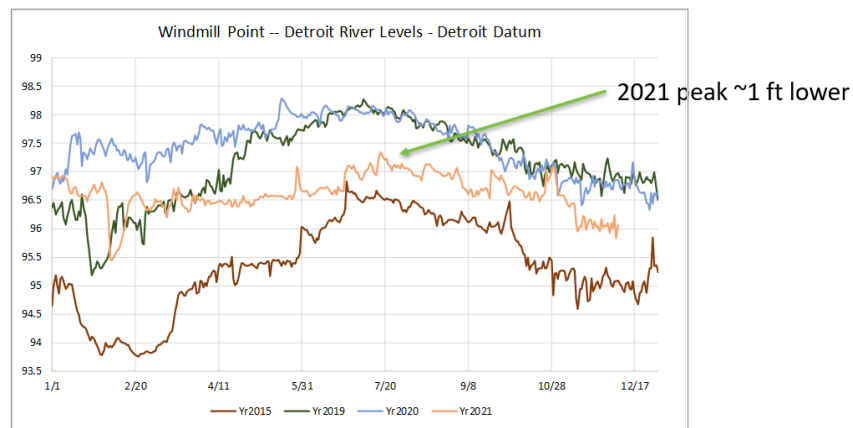


Figure 2: Detroit River Levels – Windmill Point

On March 31, 2022, at the Charges Work Group meeting, Bart Foster presented on the hypothetical impact of FY2021 flow data on sewer shares calculations. This element of our flow balance reporting makes a direct tie from wastewater flow analytics to shares. It is a hypothetical evaluation because the flows will only be used to update shares formally after three years in service.

The SAMO Group continues progress working on wholesale water meter pit rehabilitation and meter replacement program. The scope of work includes construction work at 58 meter pits that have metering and/or meter pit condition concerns.

## **PLANNING SERVICES** (continued)

Last month, coordination meetings were held with the City of Allen Park, City of Flint, City of Melvindale, and the City of Rochester Hills. The planned work has been completed at 48 of the meter pit locations and is underway at another three locations.

The Group continues its progress working on the sewer meter upgrade/replacement program. The meters at system sewer meter locations DT-S-3, DT-S-7, and DT-S12 were upgraded. These meters measure the incremental flow for Detroit-Plus (D+) communities. Currently, the group is working on upgrading meters at two sewer meter locations (BC-S-2, and DN-S-8).

## **WASTEWATER OPERATING SERVICES**

### ***Wastewater Operations***

Water Resource Recovery Facility (WRRF) operations complied with the Water Quality Standards for March 2022.

On March 30, 2022, GLWA received Termination Notice for the Administrative Consent Order (ACO) from Michigan Department of Environment, Great Lakes, and Energy. This marks the first time over 45 years that the Wastewater System has been without Federal Consent Decree or State Administrative Consent Order oversight. The termination of the ACO is a recognition of the hard work of all GLWA team members and our predecessor organization. Our exceptional team members are committed to continue our successful compliance record going forward.

On April 1, 2022, GLWA submitted an application for renewal of its National Pollutant Discharge Elimination system (NPDES) permit of which GLWA is a co-permittee with DWSD.

### ***Maintenance***

Seagull populations continue to create nuisance issues at the WRRF. Seagulls with chicks harass GLWA team members, and the nesting material clogs roof drains in areas of large bird populations. This Spring, a falconry service was added to the mitigation strategies already in place at Wastewater



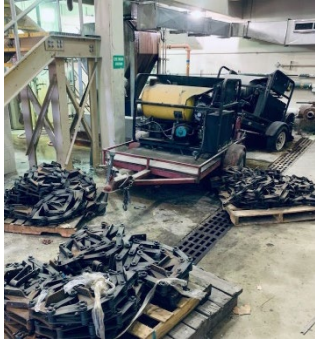
Operations. The falcons have been deployed on daily routes at the WRRF in order to demonstrate the presence of natural predators to the seagull population. No seagulls have been harmed by the falcons, but the seagulls are visibly agitated when a falcon is present. The goal of this multi-year seagull mitigation project is a sizable reduction in the year-to-year seagull population. The WRRF Facilities Team is collecting weekly seagull count data to track changes in the seagull population throughout the project.





## WASTEWATER OPERATING SERVICES (continued)

The top right picture shows an employee of American Falconry Services holding one of the peregrine falcons they have on-site performing seagull abatement. The left picture above, shows airborne seagulls disturbed by the falcon (identified by a red arrow).



To get a head start on Spring Clean-up Week, the Primary Team at the WRRF has been performing clean-up projects around their area as time permits. So far, they have cleaned up the basement of Pump Station No. 1 Rack and Grit, Scum Building 14 (left picture is before, right picture is after), and the basement of Sludge Pump Station No. 3.



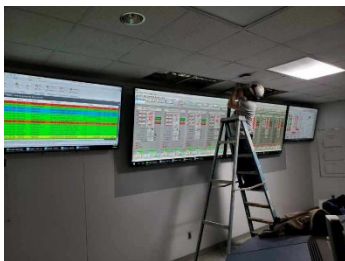
Taking care of these smaller clean-up projects now will allow the Primary team to focus their efforts on more significant clean-up projects during Spring Clean-up Week.

The Central Maintenance Team has been working on rehabilitating meter pit A at the WRRF so accurate water metering service can be restored. First, they added a new isolation valve to allow maintenance work to occur without a water shutdown. Then the Team will replace the 80-year-old bypass line to bring it up to new standards. Once these improvements are complete, a new water meter will be installed. The pictures show the original water meter pit A piping undergoing rehabilitation.



The Dewatering Team, with assistance from the Secondary Team, has been performing a rebuild of an older asset, Filter Feed Pump No. 2, which moves sludge from a storage tank to a dewatering process. Rebuilding this pump provides required redundancy at a cost lower than buying a new pump. The teamwork exhibited between the Dewatering and Secondary Teams on this rebuild displays the dedication to meeting our NPDES permit requirements!

### ***Process Control Center (PCC)***



The WRRF PACS (Process Automation and Control Systems) Maintenance Team installed two 86-inch wall mount monitors in the Incinerator Control Room to replace two projectors (see picture). These monitors along with the previously installed 65-inch monitors are used by operations to monitor and control the incinerators. The monitors provide better resolution and contrast compared to the projectors.

## **WASTEWATER OPERATING SERVICES** (continued)

The PACS Team made process control changes to the logic controlling the sodium hypochlorite pumps and added additional audible alarming. Previously the Team investigated and published a report on the premature failure of the pumps. These pumps are gear pumps that require the flow of liquids through them to provide cooling. The Secondary Maintenance Team repaired the pumps and made improvements to the off-gas valves. These improvements should reduce the pump failure by ensuring that gas doesn't become entrapped.

The PACS Team implemented changes including additional interlocks that would disable a pump if the pump were running with no flow and also audibly alarming to indicate the interlock has been activated.

The Team updated the maps on our network monitoring system. This allows the team to monitor and troubleshoot the network which in turn enables us to maintain high availability (99.9%) of the control system network.

### ***Laboratory***

The Lab 5S Zone Captains were trained in the Monthly Audit procedures and will start performing audits in April 2022. The Lab is working to transform the 5S End of Shift Checklists into electronic versions to reduce waste.

### ***Engineering***

The Engineering Team is working on the following projects:

Contract 2000917 – Refractory Inspection and Repairs. Under this multi-year contract, any of the eight Complex II Multiple Hearth Incinerators (MHI) may be inspected, and necessary repair work may be undertaken on an as-needed basis. As of now, MHIs 11 and 12 have been inspected, and repair work on MHI 12 is complete while MHI 11 repairs are planned for the immediate future. Currently, an inspection of MHIs 13 and 14 is slated to be complete by April 2022.

Contract GLWA-CON-197 (Mar 2018) – Dewatered Sludge Cake Conveyance Improvements. This contract involved the replacement of belt conveyors resulting from the 2016 fire event and feed conveying modifications at the incinerators. Construction has been on-going, and the first four of the eight screw feeders installed experienced several conveying difficulties and frequent fire in the twin-screw feeders a few months back. The contractor had undertaken some repairs following GLWA's request for remedies and has made good progress, however, the issue has not been resolved satisfactorily yet. Currently a design modification is being undertaken to address this.

CIP 213007, Contract CON-197 – WRRF Modification to Incineration Sludge Feed Systems at Complex II. The work under this contract is more than 97% complete. All belt conveyors, screw conveyors, strainers, and electrical components have been installed. Startup activities related to incinerators 13 and 14 are being conducted to put those two incinerators into operation.

## WASTEWATER OPERATING SERVICES (continued)

Minor owner-requested changes to the belt guards, catwalks, and handrails remain for completion. The contractor is addressing performance issues associated with the newly furnished and installed screw feeders. A notice of defective work was issued to the contractor, and the issue is currently being corrected by them.

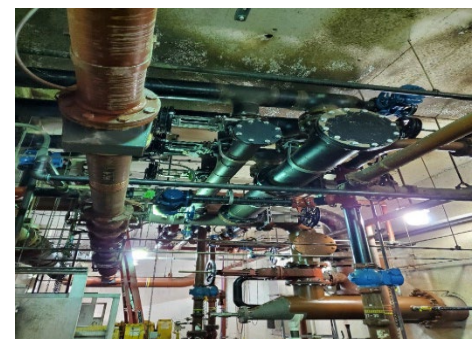
CIP 211008, Contract 2002190 – Rehabilitation of Ferric Chloride Feed System at PS-1 and Complex B Sludge Lines. The work under this contract is 17% complete. The contractor is currently working on replacing lighting, installing chemical feed system control panels, and preparing the chemical feed room for painting, process piping, and pump skids. New precast chemical feed vaults for the mainline ferric chloride feed pipe are being constructed in the yard between PS-2 and the primary clarifier pipe gallery (see picture). The contractor will continue with process piping, instrumentation, and control system installation as the process infrastructure is being built.



JOC Task 53, Contract 2004328 – Multiple Hearth Incinerators Ash Piping System Improvements. The scope of work for this JOC Task includes removing and replacing the existing 10-inch diameter elbow and a segment of 10-inch diameter pipe, replacing the insulation jacket, and providing new structural supports for the new elbow and pipe (see picture). Also, part of the scope of this task is removing five existing Knife Gate Selector Valves and replacing them with five new Resilient Seated Butterfly Valves. Construction of this task is almost complete and substantial completion will be declared soon.



JOC Task 54, Contract 2001401 – Complex B Thickened Waste Activated Sludge (TWAS) Piping Reconfiguration. The scope of work for this task includes providing pipe, valves, and associated materials to make piping modifications in Complex B Gallery so that cleaning and maintenance can be undertaken without affecting TWAS pumping needed to maintain plant operations (see picture for new TWAS bypass piping). Construction is about 93% completed. The project is expected to achieve substantial completion status in April 2022.



## WASTEWATER OPERATING SERVICES (continued)

### *CSO Control Program*

The CSO Team is working on the following projects:

CIP 260614, Contract 1902224 – CSO Facilities Structural Improvements Program. Work at Conner Creek completing a high-priority structural repair is underway. As the weather warms this spring, we anticipate the activity and repairs to increase.

CIP 260618, Contract 2003330 – Oakwood HVAC Improvements. Basin fans are being replaced, and structural repair work continues. We anticipate a large portion of work related to this contract to occur in April 2022.

CIP 260612, Contract 2004666 – Conner Creek Dike Improvements. This project will be substantially completed in April 2022 with final restoration occurring in May or June of this year. The picture on the left is an aerial photo looking down at workers preparing the wall for concrete wall topping. The picture on the right is a view looking south along Conner Creek (Conner RTB) showing wall and fencing progress.



CIP 260622, Contract 2100575 – CSO Emergency Generator Improvements Project. The project is in submittal phase and was kicked off in March 2022.

CIP 260623, Contract 2102618 – Baby Creek CSO Facility Screen Rehabilitation. Board approval was received in March 2022. We are working to kick-off this project and get the materials for screen rehabilitation ordered.



CS-299 – CSO Facilities Assessment Project. Over the last few months, we have been placing asset tags on all our CSO assets. Wastewater Engineer Brooke Ballard prepares to affix tags to 600 assets at Conner Creek (see left picture). Way to go Brooke! An asset tag with QR (quick response) code on a screen at Conner Creek (see right picture).



## WATER OPERATIONS

The Water Works Park WTP High Lift Pump Station Roof Rehabilitation has been selected the *American Public Works Association's Public Works Project of the Year Historical Restoration/Preservation Less than \$5 million* for 2022. This selection puts the project's primary agency, primary contractor, and primary consultant in a very elite group of winners and APWA is proud to have those on this project epitomize the public works profession and our association.

Primary Agency – Great Lakes Water Authority, Detroit, MI

Primary Contractor – Schreiber Corporation, Wixom, MI

Primary Consultant – CASS Sheet Metal, Detroit, MI

The project's primary agency, primary contractor, and consultant will be recognized for this achievement at the APWA Awards Recognition Ceremony. The Ceremony is held in conjunction with the 2022 PWX Convention in Charlotte, North Carolina and is scheduled for August 29, at 5:00 p.m. at the Charlotte Convention Center.

The APWA Project of the Year Award was established to promote excellence in the management, administration, and implementation of public works projects by recognizing the alliance between the managing agency, the consultant/architect/engineer, and the contractor who working together to complete public works projects.



## **WATER OPERATIONS** (continued)

### ***Springwells Water Treatment Plant***

#### ***Work on Springwells Raw Water Tunnel***

The contractor has mobilized at the Springwells site as well as east of the plant to begin repair work on the Springwells raw water tunnel. This work is being performed under contract DB-150 “Design-Build Repair for Portions of the Pennsylvania, Springwells, and Northeast Raw Water Tunnels.”



*Mobilization at existing access shaft*

The portion of the Springwells Tunnel needing repair is along Warren Avenue between the Low Lift station and Central Avenue. To better access this area, a new access shaft is being installed at Central Avenue. Preparations for the access shaft require an 18” core through the crown of the tunnel to drop materials for shoring of the tunnel prior to coring the larger access shaft. After the larger access shaft is complete, equipment and divers will more easily be able to access the tunnel to complete repairs.

Nighttime diving started in March at Springwells for this work. This diving is working in coordination with ongoing diving under Contract No. 1900134 “Springwells Water Treatment Plant Low Lift Pump Suction Gate Replacement”.

### ***Water Quality***

#### ***City of Allen Park (AP06) Meter Pit Isolation***

On March 17, System Analytics & Meter Operation Team contacted the Water Quality Group about a 54-inch watermain tied to the isolation (AP-06) meter pit located on Philomene Boulevard in Allen Park to replace the meter and associated meter piping and 1.5 miles of 54-inch diameter watermain located along I-94 between Southfield and Outer Drive. The 54-inch watermain had to be dewatered by the contractor to install the new meter. Once a watermain is dewatered, it needs to be disinfected prior to being put back in service. The new meter also needs disinfection before being placed in service. The contractor could not perform their disinfection process on the piping and new meter without water from the 54-inch watermain.



## **WATER OPERATIONS** (continued)

Water Quality was requested to create a disinfection plan that would have minimal impact on the customers close to the construction. The plan required Field Services, System Analytics & Meter Operations, Field Services, and the contractor to work together in steps to complete the entire project related to the meter replacement. On March 24, the Water Quality group began the disinfection process, which required the contractor to close a valve and work to complete the meter installation. GLWA Field Services Team filled the 54-inch watermain with the assistance of System Analytic & Meter Operation Team so it could be full of water by the time the meter was installed.

The contractor completed the installation of the meter allowing them to coordinate the disinfection process with Water Quality. Water Quality was able to collect bacteriological samples on both the 54-inch watermain and the new meter at the same time. This collaboration and teamwork from all GLWA teams and the contractor restored normal water service to Allen Park without any delays. One Water One Team.

### *Lead and Copper Sampling*

The Water Quality group receives requests via e-mail from the Detroit Water and Sewerage Department to deliver lead and copper testing kits to customer homes. After the request is received, the lead and copper kits are delivered to customers' homes for sampling. These kits include a plastic 1-liter bottle, a chain of custody form with instructions on how to take the sample, and a label to place on the bottle. The main step for customers to follow is to have the water sit still in the line for at least six hours to collect an accurate sample, after which the customer schedules for their sample to be picked up. The most common sources of lead in drinking water are lead service lines, brass faucets, or bronze faucets, in which the lead can dissolve into drinking water. In 1991, the EPA established the Lead and Copper Rule (LCR) action level of 0.015 mg/L for lead and 1.3 mg/L for copper. An action level exceedance occurs when more than 10% of the samples analyzed for a specific community exceeds the action level. The LCR was established to protect public health by reducing the exposure to lead from drinking water.

### *Lake Huron Water Treatment Plant*

#### *Clearwell #1*

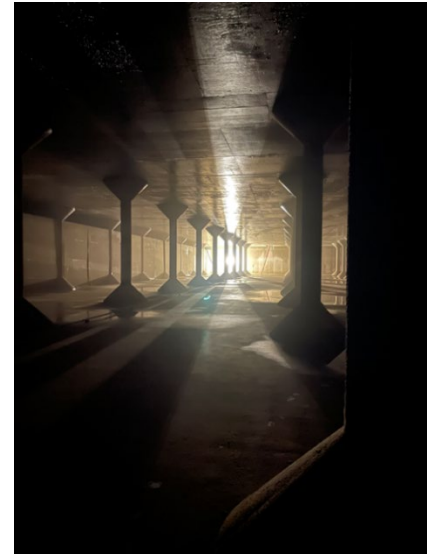
The 15 million gallon reservoir (Clearwell #1) was recently inspected per the Michigan Department of Environment, Great Lakes, and Energy (EGLE) requirements and found to be in good condition. As this critical piece of the Lake Huron infrastructure approaches 50 years of service life, regular condition assessments are required to ensure it stays in good operating condition for the next 50 years.

## WATER OPERATIONS (continued)

The inspection identified some required repairs, and rehabilitation work included; anti-corrosion rebar coating, concrete spall repairs, and crack repairs. Contractors made additional improvements by creating two new access hatches for equipment and personnel entry points.

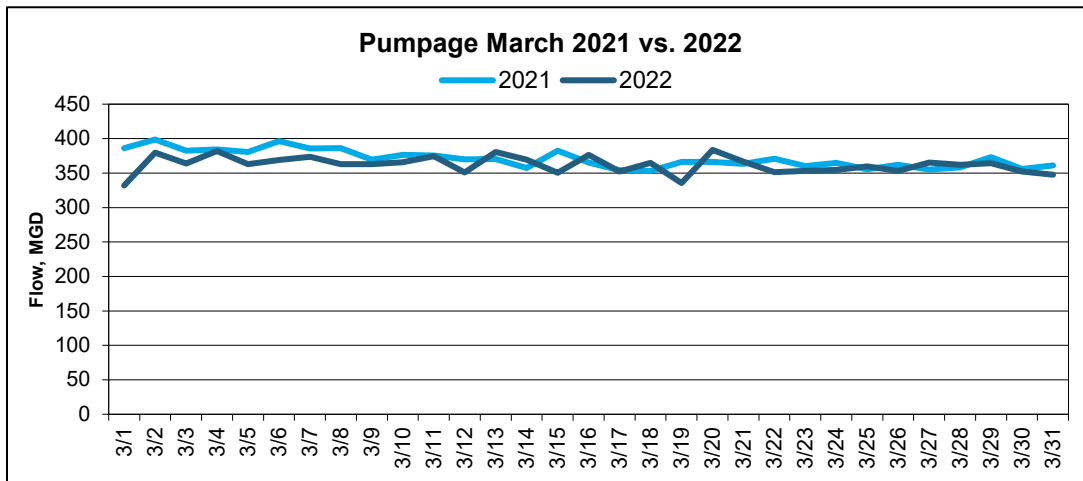
The Lake Huron team assisted in many tasks including the Chemist Team monitoring and controlling our basin levels for leakage, and the Maintenance Team assisting and performing entry into conduits and repairing valves with the Operations Team. All Team Members were able to adapt and overcome numerous challenges.

Completion of this work satisfies EGLE requirements and will help to ensure the Lake Huron WTP infrastructure is in great shape for many years to come.



### *Systems Control Center (SCC)*

March 2022 pumpage was 2.3% lower than March 2021



### *Engineering*

*Contract No. 1903312 “14-Mile Transmission Main Phase 1”  
Project Manager: Nick Hoffman*

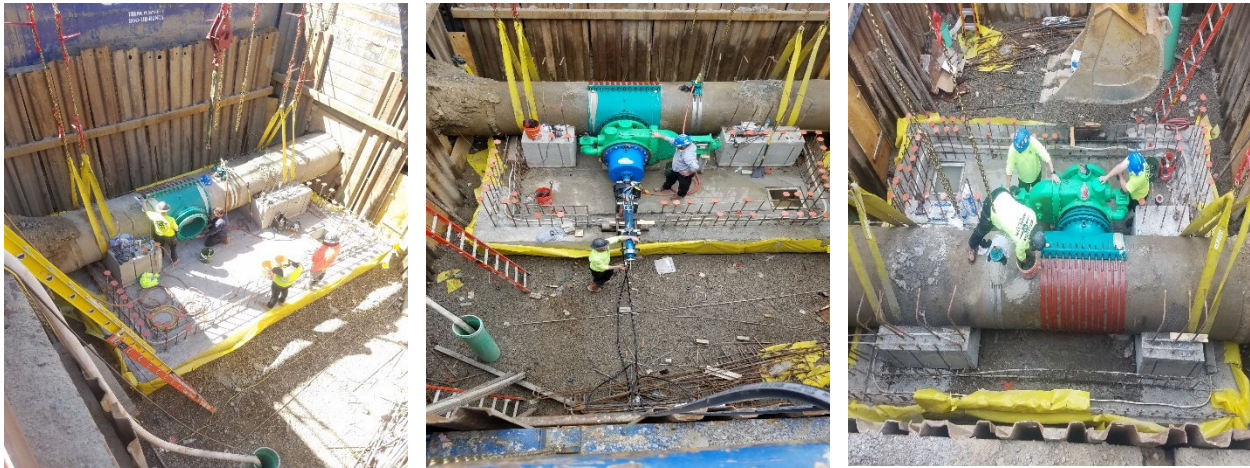
Contract No. 1903312 “14 Mile Transmission Main Loop Phase 1” includes roughly one mile of 24-inch ductile iron transmission main being installed in Commerce Township, Novi and Walled Lake. The project also includes an inter connection to the existing Haggerty loop (East Connection) a connection to the existing 42-inch main on 14 Mile Road (West Connection). The project will provide new redundant feeds to master meters WA-01, CM-01 & NV-04.



## WATER OPERATIONS (continued)

Current Contract Status: The contractor has completed the 24-inch main install, pressure test and chlorination. The remaining work during this low demand season consists of completing the west connection valve vault, tie in at the east connection and building of the valve vault followed by restoration of the entire alignment.

Due to the 14 Mile Road main break in October 2021, the connections on the current project were delayed, remaining work, including redundant connection, will likely need to be performed during the Fall 2022 low demand period due to system constraints.



*Pictured left to right:*

- 1. Hot tap contractors completed installation of 24-inch tapping sleeve and installation of 24-inch double disc gate valve to existing 42-inch transmission main*
- 2. Hot tap contractor completed 24-inch valve installation and connected the core barrel to the valve to complete the hot tap*
- 3. Successful hot tap performed on the existing 42-inch; hot tap was completed while the 42-inch was working under reduced pressures of 70 psi. Member partners and GLWA coordinated to ensure the reduced pressures would be adequate for their demands. The contractor successfully completed this work ahead of schedule and normal system pressures were restored ahead of schedule.*

## INFORMATION TECHNOLOGY

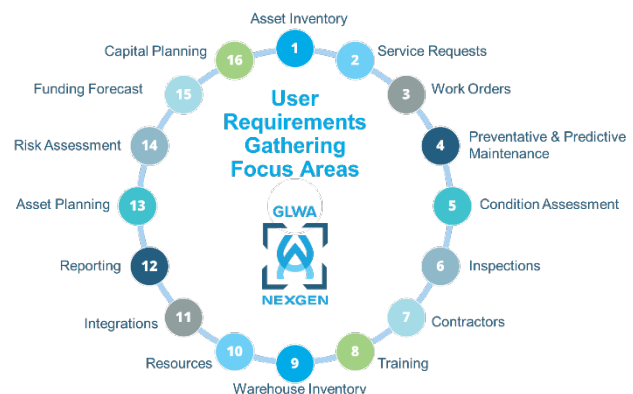
In the past month, the IT Security Team has proactively blocked or thwarted 17,856 spam messages, 4,054 spoofed messages and two viruses. Additionally, 1,316 phishing attempts have been caught and 301 malware attempts have been blocked.

The IT Business Productivity Team, in conjunction with the IT Project Management Office (PMO), began project readiness meetings for the implementation of GLWA’s future Enterprise Resource Planning (ERP) software, Workday. The meetings are being facilitated by the ERP implementation vendor, Alight, and have participants from GLWA’s Financial Services Area, Organizational Development Group and Information Technology. The goal of the meetings is to prepare GLWA team members for the expectations of the implementation project, such as planning to manage resource constraints, where to find training materials, and system configuration capabilities.

In addition, the IT Business Productivity Team, in conjunction with team members from GLWA’s Organizational Development Area, upgraded GLWA’s software platform for GLWA’s “One Water Institute,” which is a training portal used by GLWA’s Member Partners as well as internal team members. This upgrade placed a count-down timer on the Drinking Water courses, which enables them to count for continuing education credits with the State of Michigan.

The IT Enterprise Asset Management Systems Team along with CIP Group, Financial Services, Water and Wastewater Operations Areas have completed interviews, software demonstrations, reference checks, and total cost of ownership evaluation for the new Project Management Information System (PMIS). We are glad to announce that we have made a Notice of Recommendation for Negotiation in March with Kahua as our next PMIS system. Negotiations will be conducted over the next few months with a contract and start of implementation expected in late summer.

The IT Enterprise Asset Management Systems Team along with our vendor partner, NEXGEN, have begun collecting user requirements across GLWA operating areas and groups to be able to best configure the Enterprise Asset Management software for their processes and data sets. These important workshops lay the foundation for future work and inventory management practices within GLWA to maintain and renew assets with lifecycle costs and performance in mind.



## **INFORMATION TECHNOLOGY** (continued)

The IT Customer Service Delivery Team along with the Infrastructure Delivery Team completed the setup of 12 workstations located in the Administration building at WRRF. The new hotel cubes will allow team members not based at WRRF a place to sit and have access to the GLWA business network.



Currently, the IT PMO is managing 23 active projects and is processing 10 project requests.

## **PUBLIC AFFAIRS**

### *Regional System Resiliency Improvements News Conference*

On April 5, GLWA held a news conference to announce improvements to regional system resiliency in preparation for southeast Michigan's upcoming wet weather season. Resiliency efforts include improvements to the utility power supply feeding its pump stations, changes to operational procedures and enhanced collaboration and coordination with member partner communities.

One of the most significant improvements made to-date is related to the supply of power to the Freud and Blue Hill Pump Stations on Detroit's eastside. Recently, GLWA and its contractors completed the installation of three new transformers at the Freud Pump Station and successfully converted the external power supply feeding the transformers to DTE Energy power via three independent power feeds. Additionally, two transformers at the Blue Hill Pump Station have been converted to the DTE Energy power grid and are fully operational.

The news conference received broad coverage across media outlets including [The Detroit News](#), [Detroit Free Press](#), [WJBK-TV 2](#), [WDIV-TV 4](#), [WXYZ-TV 7](#), [WWJ-TV 62](#) and WWJ-AM.

**PUBLIC AFFAIRS** (continued)



***(Left to right) Field Services Team Leader Tom Hall, Interim CEO Sue Coffey, Field Services Team Leader Katherine Miracle, and Chief Operating Officer - Wastewater Navid Mehram***

*AWWA Utility Benchmarking Survey*

Public Affairs once again led GLWA’s effort to respond to the annual American Water Works Association (AWWA) Utility Benchmarking Survey. Information was gathered from across the utility to respond to this national survey. The report and its performance data and trends provide utilities across the country with tools to understand how well they are doing and identify areas for potential improvement. GLWA uses the results of the full report to track its performance, and understand our progress compared to peer utilities.

*Ladder Safety Video*

Public Affairs collaborated with our Safety team to create a new ladder safety video in conjunction with National Ladder Safety Month. The video breaks down five simple safety tips for using a ladder. The safety of our team member is a priority for GLWA, and this video delivers visual reminders for anyone using a ladder. You can watch the video by clicking [HERE](#).



## **PUBLIC AFFAIRS** (continued)

### *2022 Science and Engineering Fair of Metro Detroit*

GLWA once again participated in the 2022 Science and Engineering Fair of Metro Detroit. With 2022 bringing an all-virtual science fair to the region, GLWA was able broaden its roster of judges, welcoming new judges to both the Junior (middle school) and Senior (high school) Teams: Eric Griffin, Andrea Busch and Stephanie Dillon. Ursula Gray and Patrick Williford served as our Lead Judges. This year's student winners represented our schools within our member partner communities from Oakland County to Washtenaw County with project titles from Biodegradable Polyhydroxyalkanoates to Engineering AI-IoT Systems. Wow, that's a mouthful! These students were very impressive to say the least. Congratulations to all the winners and thank you to our dedicated judges for a job well done!

## **SECURITY AND INTEGRITY**

The Hazmat Unit coordinated and completed a total of 206.5 hours of training during the month.

The Security and Integrity Group continues to participate in the daily Emergency Operations Center's ongoing COVID-19 Pandemic briefings. Lastly, the Group continues to plan for the table-top emergency preparedness exercises for GLWA in spring/summer 2022.

## **ORGANIZATIONAL DEVELOPMENT**

### ***Apprenticeships***

*Water Technician:* The first water technician apprentice cohort completed onboarding and began classes at Macomb Community College in March. The second water technician apprentice cohort, assigned to Lake Huron, is scheduled to onboard in April.

*Electrical Instrumentation Control Technician – Electrician:* Electrician apprentices are performing well and meet all related training instruction and on-the-job learning requirements.

*Maintenance Technician:* Maintenance Tech apprentices are performing well and meet all related training instruction and on-the-job learning requirements. The apprentices participated in training in preparation to take the Michigan Department of Environment, Great Lakes, and Entergy (EGLE) certifications.

### ***Internship***

GLWA announced a new summer internship program on March 31, 2022. The summer internship session is scheduled to begin on May 2, 2022, and conclude on September 2, 2022. Two intern offers have been extended to date.

## **ORGANIZATIONAL DEVELOPMENT** (continued)

### ***Talent Management***

#### ***Staffing***

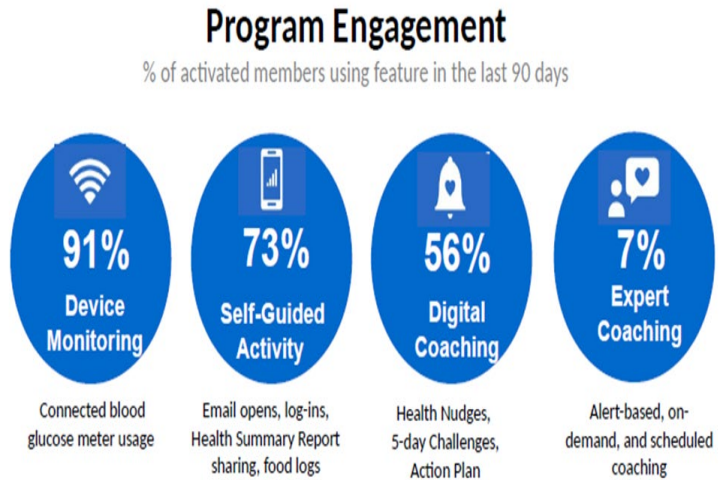
The table below provides a breakdown of GLWA Team Members since the last ICEO report:

Number of New Hires	12
Number of Separations	18
Total Staffing - Regular FTEs (YTD)	961

#### ***Benefits/Wellness***

*The Value of GLWA Benefits* - GLWA leadership began hosting virtual benefits and wellness education sessions for their teams. These sessions review GLWA-paid and voluntary benefits and wellness engagement activities.

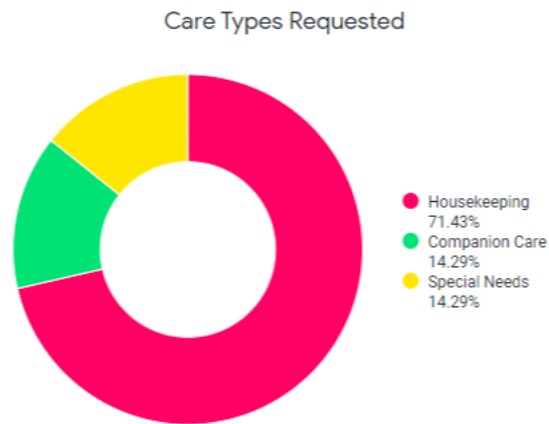
*Diabetes Management* - GLWA provides the Livongo Diabetes Management program to team members and their families at no cost to team members. Livongo provides a connected blood glucose meter with real-time insights, notifications to the team member's emergency contacts, unlimited strips and lancets shipped directly to team members, and 24/7 support from expert coaches. Over the last 90 days, the 70 participants have collectively lowered their HbA1c - 1.53% with the following successful program engagement (shown right):



## **ORGANIZATIONAL DEVELOPMENT** (continued)

### *Enhanced Family Support Services –*

GLWA provides family support services through Bright Horizons. Bright Horizons is a childcare provider and is the largest U.S. provider of employer-sponsored childcare. They also provide backup childcare and eldercare, college education coaching and advising. Since our November 2021 implementation, the top care requests have been housekeeping, special needs and companion care.



### ***Training***

During the month of **March**, **103** GLWA team members completed **three** non-safety courses and **27** safety courses.

## **FINANCIAL SERVICES AREA**

### ***March 2022 Audit Committee Recap***

The most recent Audit Committee meeting was held on Friday, March 25, 2022. The GLWA Audit Committee binders are publicly available at [www.glwater.org](http://www.glwater.org). The meeting included the following topics:

- ✓ Presentation and approval of the proposed strategies to achieve greater success for the Water Residential Assistance Program (WRAP).
- ✓ Introduction of a series ordinance authorizing the issuance of a DWSD Clean Water State Revolving Fund loan.
- ✓ A request to approve the publication of an intent to issue bonds in support of upcoming State Revolving Fund loan applications and a potential 2022 revenue bond transaction.
- ✓ Review of the proposed FY 2022 second quarter budget amendments.
- ✓ A recommended approach to appoint a bond underwriting syndicate from the current GLWA underwriting pool in support of a potential 2022 revenue bond transaction.
- ✓ A monthly update on the Business Inclusion and Diversity (B.I.D.) program.
- ✓ Distribution of the Quarterly Gifts, Grants and Other Resources report through February 28, 2022, and the Quarterly Debt report through December 31, 2021.
- ✓ Presentation of the Annual Procurement for FY 2021.
- ✓ Review of the December 31, 2021, Monthly Financial Report (Executive Summary attached).
- ✓ Circulation of the latest Procurement Pipeline.

## FINANCIAL SERVICES AREA (continued)

### All FSA Quarterly Meeting

The Financial Services Area continues to support communication and connections between team members through regular group meetings. The FSA team held an engaging meeting on April 7 to discuss final preparation and plans in the support of the final return to office effort beginning the week of April 25. Every discussion brings up new ideas and considerations. Team FSA is on target and enthused at the prospect of engaging in person once again.



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1. Overview
  - a) Your Support - The E-Team
  - b) GLWA Masking Practices
  - c) COVID Etiquette
2. Preparation for Working at Main Office Building
  - a) COVID Testing
  - b) Activating Your Badge
  - c) Submitting GLWA COVID-19 Daily Self-Screening App
  - d) Upon Arrival to the Facility
3. Parking
  - a) DPHS Parking Garage
  - b) Street & Lot Parking
4. Hoteling Cube Preparation and Information
  - a) Personal Workstations to Hoteling Cubes
  - b) Secure Shredding and Trash Bins
  - c) Flexible Work Arrangements & Cube Assignments
  - d) Desk Phones-Extension Mobility
5. Noteworthy Work Area Items to Support Social Distancing
  - a) Plexiglass & Dividers
  - b) Restrooms
  - c) Conference Rooms
6. Keeping Team Members Safe

### Vendor Outreach Update

**Great Lakes Water Authority**  
MDOT 41<sup>st</sup> Annual DBE Small Business Development Conference | March 22, 2022

**Contact Information**

- ◆ Megan Savage, GLWA Vendor Outreach Coordinator
- ◆ Email: [megan.savage@glwater.org](mailto:megan.savage@glwater.org)
- ◆ Cell: 313-400-1553
- ◆ GLWA Vendor Webpage: [www.glwater.org/vendors/doing-business-with-GLWA/](http://www.glwater.org/vendors/doing-business-with-GLWA/)
- ◆ GLWA Bonfire Procurement Portal: [www.glwater.bonfirehub.com/portal/?tab=openOpportunities](http://www.glwater.bonfirehub.com/portal/?tab=openOpportunities)

On March 22, 2022, Megan Savage and Michael Lasley participated in the 41<sup>st</sup> Annual Disadvantaged Business Enterprise (DBE) Small Business Development Conference hosted by the Michigan Department of Transportation (MDOT). Designed to provide networking opportunities for small and disadvantaged

businesses throughout the state of Michigan, MDOT's virtual conference included introductory remarks by MDOT's leadership, a keynote address by Governor Gretchen Whitmer, and individual panel sessions featuring invited state, federal, and local agency representatives who presented information about upcoming procurement opportunities within their area. GLWA presented alongside representatives from the Detroit Water and Sewage Department (DWSD), the U.S. Small Business Administration (SBA), the state of Michigan Department of Technology, Management, and Budget (DTMB), MDOT, and the Wayne County Airport Authority.



## **FINANCIAL SERVICES AREA** (continued)

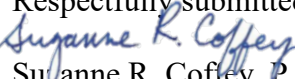
In their presentation, Megan and Mike featured GLWA's *Procurement Pipeline* newsletter, a monthly resource produced by the GLWA Procurement Team for the Vendor Community. This newsletter features timely information and updates on how to do business with GLWA as well as a listing of upcoming GLWA projects slated for advertisement within the next three to nine months. Megan and Mike also walked vendors through the process of accessing the GLWA Vendor Webpage as well as registering in GLWA's Bonfire Procurement Portal to view the most up-to-date information on active procurement opportunities.

As always, GLWA appreciated the chance to speak with members of the small business vendor community and to help connect them with opportunities to do business with GLWA!

### ***Procurement Pipeline***

The April Procurement Pipeline edition is attached. This month features an update on GLWA visitor masking procedures, guidance on setting up virtual vendor introduction meetings with GLWA, information on GLWA's next vendor outreach event, and a listing of upcoming solicitations.

The General Counsel's April 2022 Report is an attachment to the Interim Chief Executive Officer's Report.

Respectfully submitted,  
  
Suzanne R. Coffey, P.E.  
Interim Chief Executive Officer

SFM/dlr  
Attachments

- December 2021 Executive Summary
- Procurement Pipeline
- General Counsel April Report



**Key Financial Metrics**

The table below provides key report highlights and flags the financial risk of a budget shortfall by year-end as follows:

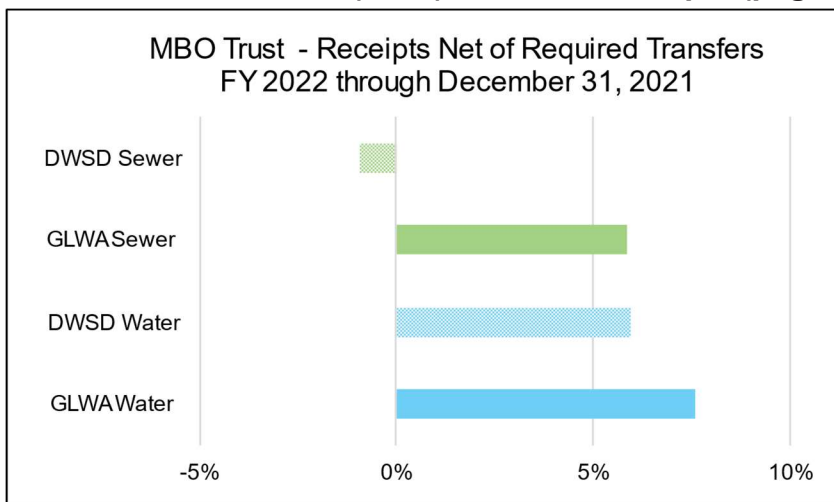
No Risk (green) - Potential (yellow) - Likely (red)

Each variance is monitored by the Great Lakes Water Authority (GLWA) management and, where appropriate, operating and/or budget priorities are re-evaluated. Budget amendments are prepared and presented quarterly based on most current information. To address the wholesale water revenue shortfall, a first quarter budget amendment was approved for \$2.4 million.

As of December 31, 2021					
Metric	FY 2022 Budget	FY 2022 Amended Budget	FY 2022 Actual	Variance from Financial Plan	Report Page Reference
Wholesale Water Billed Revenue (\$M)	\$170.9	\$168.5	\$166.6	-1%	47
Wholesale Water Billed Usage (mcf)	7,406,000	7,186,000	6,995,000	-3%	
Wholesale Sewer Billed Revenue (\$M)	\$135.7	\$135.7	\$135.7	0%	49
Wholesale Water Operations & Maintenance (\$M)	\$72.0	\$72.0	\$67.1	-7%	5
Wholesale Sewer Operations & Maintenance (\$M)	\$90.7	\$90.7	\$89.6	-1%	
Investment Income (\$M)	\$1.5	\$1.5	\$1.9	27%	37
Water Prorated Capital Spend w/SRA* (\$M)	\$90.0	\$67.5	\$84.2	25%	28
Sewer Prorated Capital Spend w/SRA* (\$M)	\$53.0	\$40.5	\$32.1	-21%	29

\*SRA refers to the capital spending ratio assumption which allows capital program delivery realities to align with the financial plan.

**Master Bond Ordinance (MBO) Trust Net Receipts (page 52)**



Net cash flow receipts remain positive for GLWA Water and Sewer. This means that all legal commitments of the MBO Trust and the lease payment are fully funded – and that positive cash flow is available for additional capital program funding in subsequent year(s). DWSD Water reports a surplus of \$2.9 million and

DWSD Sewer reports a \$1.4 million shortfall of net receipts over disbursements through December 2021. On August 26, 2021, the DWSD Board of Water Commissioners proactively adopted budget amendments to address potential shortfalls for FY 2022. These budget amendments are reflected in this December 2021 report. DWSD continues to monitor these balances and anticipates improved monthly receipts supplemented by tax lien collections will resolve the current Sewer shortfall before yearend.

The current DWSD loan receivable balance for fiscal year 2018 is \$4.2 million.

### **Budget to Actual Analysis (page 3)**

- FY 2022 information includes the first quarter budget amendments which were approved by the GLWA Board on December 8, 2021. The information does not include the proposed second quarter budget amendments.
- The total Revenue Requirements are on target through December 2021.
- The total Operations & Maintenance expenses are at 48.2% of budget through December 2021.

### **Basic Financial Statements (page 9)**

- The Basic Financial Statements are prepared on a full accrual basis and reflect preliminary, unaudited results.
- Operating income for December 2021 is \$45.5 million for the Water fund (25.7% of total revenues) and \$68.3 million for the Sewer fund (28.8 % of total revenues).
- Water Net Position increased by \$2.9 million, and Sewage Disposal Net Position increased by \$10.0 million for the year to date through December 2021.

### **Capital Improvement Plan Financial Summary (page 27)**

- Water systems exceed the 75% Capital Spend Ratio assumption.
- Sewer systems also exceed the 75% Capital Spend Ratio assumption.

### **Master Bond Ordinance Transfers (page 30)**

- For December, transfers of \$13.6 million and \$17.6 million were completed for the GLWA Water and Sewer funds, respectively.
- Also for December, transfers of \$3.2 million and \$7.4 million were completed for the DWSD Water and Sewer funds, respectively.

### **Cash Balances & Investment Income (page 36)**

- Total cash & investments are \$439 million in the Water fund and \$446 million in the Sewer fund.
- Total, combined, cumulative, FY 2022 investment income through December is \$1.9 million.

### **DWSD Retail Revenues, Receivables & Collections (page 41)**

- Water usage through December 31, 2021 is at 108.38% and revenues at 100.08% of budget.
- Sewer usage through December 31, 2021 is at 103.59% and revenues at 99.82% of budget.
- Combined accounts receivable balances for the water and sewer funds report an increase of \$44.0 million over the prior year.
- Past dues over 180 days make up 65.9% of the total accounts receivable balance. The current bad debt allowance covers 101.6% of past dues over 60 days.

### **GLWA Wholesale Billing, Receivables & Collections (page 46)**

- GLWA accounts receivable past due balance net of Highland Park is 8.15% of the total accounts receivable balance, with the majority of that balance related to one water account dispute currently under discussion.
- The Highland Park past due balance is \$51.9 million. It includes \$39.7 million for wastewater treatment services, \$1.8 million for industrial waste control services, and \$10.4 million for water supply services. Highland Park has not made a payment in FY 2022 through December 2021.

**Questions?** Contact the Office of the Chief Financial Officer at [CFO@glwater.org](mailto:CFO@glwater.org)

**Welcome to the April edition of *The Procurement Pipeline***, a monthly newsletter designed to provide updates on doing business with the Great Lakes Water Authority (GLWA).

## **New! Coronavirus Update #159: GLWA Changing its Masking Practices for All Visitors**

On March 28, 2022 GLWA released [Coronavirus Update #159](#) to the Vendor Community. This Update, which is available on the [GLWA Vendor Webpage](#), outlines changes to GLWA's masking practices for all Visitors to GLWA facilities and project worksites in alignment with the guidance issued by the U.S. Centers for Disease Control and Prevention (CDC) on February 25, 2022.

The CDC's guidance uses three [Community Levels](#) and associated colors to indicate whether mask wearing should be mandatory or optional for a community, given their identified level.

- **RED**: indicates that face masks are mandatory to help prevent the spread of COVID-19 transmission;
- **YELLOW**: indicates that mask wearing is recommended but not required for high-risk individuals, including those who have not been vaccinated; and
- **GREEN**: indicates that mask wearing is an optional precaution to help prevent COVID-19 transmission.

As of Thursday, March 24, 2022, the CDC showed that the Community Level for all GLWA staffed facilities and project worksites is "**GREEN**." **Therefore, beginning March 28, 2022, and until further notice, the wearing of masks at GLWA facilities and project worksites is optional.**

Please note that face masks **will** be required for all GLWA Visitors if any COVID-19 Community Level is "RED" where a staffed, GLWA facility or project worksite is located. Face masks will also be required, regardless of Community Level, if a Visitor has been exposed to, or tested positive for, COVID-19 within the past 10 days.

Should the status regarding GLWA's masking practice change, a notice will be issued by email to all Visitors [registered on Bonfire](#). Signs will also be placed at each GLWA facility or project worksite regarding the current masking standard. All GLWA Visitors are responsible for knowing whether face masks are required, adhering to GLWA's most up-to-date face masking practices and having a appropriate mask available

We appreciate the Vendor Community's cooperation with GLWA's Visitor COVID-19 Access Requirements and Safety Protocols as we strive to maintain workplace safety. Additional questions regarding these matters should be directed to [Michael Lasley](#) and [Megan Savage](#).

## **Virtual Vendor Introduction Meetings**

If you are interested in learning more about doing business with GLWA, contact us at [GLWAVendorOutreach@glwater.org](mailto:GLWAVendorOutreach@glwater.org) to schedule a virtual vendor introduction meeting. Topics include information on submitting a competitive bid or proposal to a GLWA solicitation, as well as the requirements for GLWA's Business Inclusion and Diversity (B.I.D.) Program.

## **Where to Meet GLWA**

GLWA attends vendor outreach events throughout Southeastern Michigan. We welcome you to visit us at the Michigan Public Purchasing Officers Association (MPPOA) Reverse Trade Fair on April 29, 2022. This event will be in Grand Rapids, MI from 10:30-3pm. Registration details [here](#).

## **What's Coming Down the Pipe?**

*Current Solicitations:* Register in GLWA's [Bonfire Procurement Portal](#) for new solicitations and contract award information.

*Upcoming Procurements: Next Three to Nine Months*—See newsletter page 2.

## **Visit GLWA online!**

To see the GLWA Vendor homepage, please visit [www.glwater.org](http://www.glwater.org) or contact us via email at [procurement@glwater.org](mailto:procurement@glwater.org).

## Upcoming Solicitations April 2022

Category	CIP #	Description/Project Title	Budget Estimate
<b>Water System (next four to nine months)</b>			
Construction	170802	Reservoir Inspection, Design and Construction Project at Imlay Station, Lake Huron WTP, Springwells WTP, and Southwest WTP	\$35,972,000
Construction	112003	Northeast WTP Medium Voltage Electrical System Improvements	\$20,000,000
<b>Wastewater Systems (next four to nine months)</b>			
Construction	211006	Pump Station #1 Screenings Building HVAC Improvements	\$1,000,000
Construction	260802	WRRF Roofing Improvements	\$1,600,000
Design	273001	Hubbell Southfield CSO Facility Improvements	\$9,893,364
Construction	232002	Freud Pump Station Improvements	\$75,000,000
<b>Water System (next three months)</b>			
Construction	114017	Springwells WTP Flocculator Drive Replacements	\$22,000,000
Materials & Equipment	114002E-G	Springwells WTP Pumping Unit Procurement Package (Contracts E thru G)	\$50,000,000
Materials & Equipment	114002H-J	Springwells WTP Process Valve Procurement Package (Contracts H thru J)	\$14,000,000
<b>Wastewater (next three months)</b>			
Construction	211006	WRRF Pump Station #1 Improvements	\$73,400,000
Construction	260903	WRRF Front Entrance Rehabilitation	\$3,300,000
<b>Projects moved to Procurement Team (Preparing for solicitation on Bonfire)</b>			
Design	260617, 270005, 270006	CSO Facility Control Improvements #2	\$3,002,500
Professional Services	O&M	SCADA System Professional Services	\$5,500,000
Professional Services	O&M	Elevator Preventative Maintenance	\$1,645,728
Engineering Services	260210	Rehabilitation of GLWA Sewers; Ashland Relief, Linwood, Lonyo, Second Avenue, and Shiawassee	\$6,900,000
Construction	114002B	Springwell's WTP Medium Voltage Electrical System Replacement	\$52,000,000
Construction	260901	HAZMAT (Hazardous Material) Building Renovation	\$2,000,000

Vendors should continue to monitor [Bonfire](#) for solicitation updates.

Acronyms		
<b>WRRF:</b> Water Resource Recovery Facility	<b>CSO:</b> Combined Sewer Overflow	<b>WTP:</b> Water Treatment Plant



## Office of the General Counsel

735 Randolph Street, Suite 1900  
Detroit, Michigan 48226

### Office of the General Counsel – April, 2022

- **COVID-19:** The Office supports GLWA’s response to the COVID-19 pandemic, including participating in GLWA’s COVID-19 Task Force, review of COVID-19 related laws, rules and public health orders.
- **NPDES ACO Dismissal:** The Office assisted in preparing documents to have the ACO dismissed as of March 30, 2022.
- **Legislative Updates:** The Office is also monitoring infrastructure spending bills at the federal and state level.
- **Gordie Howe International Bridge:** GLWA submitted its relocation reimbursement request to MDOT and received MDOT’s response. GLWA is appealing MDOT’s decision.
- **June and July Rain Events:** The Office is providing legal support in response to the significant rain events in June and July. To date, 11 lawsuits were filed against GLWA related to the rain events.
- **Trenton Water Main:** The Office is negotiating the transfer of the 24-inch water main to GLWA.
- **Contract Negotiations:** GLWA will attempt to secure long term contracts with all communities that are not on the model contract. The Office is working with member partners to draft a new model sewer contract. Office staff completed the Designated Management Agreement with SEMCOG. The water contract negotiation team has started the 2022 contract alignment/reopener process for all 84 member partners plus Detroit. Negotiations started successfully on March 17, 2022 and continue through October.
- **Environmental and Workplace Safety Compliance:** The Office continues to work with the COO and team leaders from both the water and sewer systems to comply with regulations and to respond to any alleged violations.
- **Record Retention Policy:** The Office is drafting a record retention policy for GLWA.
- **Industrial Pretreatment Program:** The Office continues to work with the Industrial Waste Control (“IWC”) Group and external stakeholders on finalizing and implementing an updated IPP. To date, 99% of the communities have passed a concurring resolution and GLWA made a presentation to the City of Highland Park’s City Council, which is the only community that has not passed a concurring resolution. The Office is also providing assistance on PFAS and PFOS matters.

- **Real Estate:** The Office is negotiating easements related to support the Baby Creek CSO infrastructure improvement project. The Office is negotiating the acquisition of property for the Newburgh pump station. The Office is negotiating easements related to 96” watermain relocation and the Woodward Sewer Project.
- **Member Outreach:** The Office continues to be an active participant in Member Outreach sessions.
- **Main Relocations:** The Office continues to support water operations in its discussions with community stakeholders regarding water main relocations.
- **Civil Litigation and Arbitrations:** The Office continues to vigorously defend actions against GLWA, including a class action lawsuit regarding IWC charges.
- **Labor Relations:** The Office continues to provide legal advice to Organizational Development on labor relations and employment matters.
- **Procurement:** The Office continues to assist GLWA’s Procurement Team negotiate contracts, change orders and amendments and interpret contractual provisions. The Office is also assisting with the Procurement Policy's Procedures and updating GLWA’s template contracts. The Office is part of a cross-functional team working to complete significant revisions to the GLWA construction contract, including consideration of using an entirely new contract format.
- **Statics:**

Contracts approved as to form:	34
Contracts drafted or revised:	111
Subpoenas/Information requests received:	6
Subpoenas/Information responded to:	5